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EMARIA	TRANSMITTAL		Filing Date	September 30, 2003			
	FORM		First Named Inventor	Sabina Houle			
(to i	be used for all correspondence after initial i	filing)	Art Unit	Not yet assigned			
			Examiner Name	Not yet assigned			
Total	Number of Pages in This Submission	5	Attorney Docket Number	109263-132221			
		ENCI	LOSURES (Check all that	t apply)			
	Fee Transmittal Form Fee Attached Amendment/Reply After Final Affidavits/declaration(s) Extension of Time Request Express Abandonment Request Information Disclosure Statement Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53		Drawing(s) Licensing-related Papers Petition Petition to Convert to a Provisional Application Power of Attorney, Revocation Change of Correspondence Addre Terminal Disclaimer Request for Refund CD, Number of CD(s)	to T Apr of A Apr (Apr (Apr Pro Star Oth	echnolopeal Cor appeals beal Cor peal Not prietary	osure(s) (please	
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or	Schwabe Williamson & W	yatt					
Signatu	ure (L)	me					
Date October 31, 2003							
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Typed	Typed or printed name Rachel L. Bradfute						
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

e Application for:

Sabina Houle et al.

Application No.: 10/676,977

Filed: September 30, 2003

For: THERMAL MANAGEMENT

SYSTEMS FOR MICRO-

COMPONENTS

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450 Examiner: Not yet assigned

Art Group: Not yet assigned

CERTIFICATE OF MAILING

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Name of Person Mailing: Rachel L. Bradfute

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INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. § 1.97(g), the submission of this Information Disclosure Statement (IDS) is not to be construed as a representation that a search has been made, and, pursuant to 37 C.F.R. § 1.97(h), the submission of this IDS is not to be construed as an admission that the information cited in this IDS is material to patentability.

This IDS is being submitted under one or more of the following sections of 37 C.F.R. § 1.97 (as indicated by an "X" to the left of the appropriate paragraph(s)): X 37 C.F.R. § 1.97(b). Filed: (1) Within three months of a National Application other than a CPA; (2) Within three months of entry into National Stage; (3) Before mailing of a first Office Action on the merits; or (4) Before mailing of a first Office Action after filing an RCE. 37 C.F.R. § 1.97(c). Filed before the mailing of a Final Office Action, Notice of Allowance, or an action that otherwise closes prosecution. And, ONE of the following: (1) One statement from 37 C.F.R. § 1.97(e); (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS. (2) The fee set forth in 37 C.F.R. § 1.17(p). A check in the amount of \$180.00 is enclosed. 37 C.F.R. § 1.97(d). Filed on or before payment of the issue fee. And, BOTH of the following: (1) one statement from 37 C.F.R. § 1.97(e); (e)(1) The person signing below certifies that each item of information contained in this IDS was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this IDS; or (e)(2) The person signing below certifies that no item of information contained in this IDS was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing below after making reasonable inquiry, no item of information contained in this IDS was known to any individual designated in 1.56(c) more than three months prior to filing this IDS. (2) The fee set forth in 37 C.F.R. § 1.17(p). A check in the amount of \$180.00 is enclosed.

Attorney's Docket No.: 109263-132221 Application No.: 10/676,977 Accompanying this IDS is a list of references and a copy of each reference listed therein, EXCEPT references pursuant to one or more of the following sections of 37 C.F.R. § 1.98 (as indicated by an "X" to the left of the appropriate paragraph(s)):

_____37 C.F.R. § 1.98(c) as being cumulative (marked with an "*" on the Form PTO-1449).

_____37 C.F.R. § 1.98(d) as being previously submitted in parent application ____/____, to which the present application claims priority under 35 U.S.C. § 120.

The Commissioner is hereby authorized to charge shortages or credit overpayments to Deposit Account No. 500393.

Respectfully submitted, SCHWABE, WILLIAMSON & WYATT, P.C.

Jason K. Klindtworth Registration No. 47,211

Dated: 10/30/03

Pacwest Center, Suites 1600-1900 1211 SW Fifth Avenue Portland, Oregon 97204 Telephone: 503-222-9981

- 3 -

Attorney's Docket No.: 109263-132221 Application No.: 10/676,977

PTO/SB/08A (08-03)

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Substitute for form 1449/PTO

Sheet 1

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

of 1

Complete if Known			
Application Number	10/676,977		
Filing Date	September 30, 2003		
First Named Inventor	Sabina Houle		
Art Unit	Not yet assigned		
Examiner Name	Not yet assigned		
Attorney Docket Number	109263-132221		

			U. S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevan Figures Appear
	1	^{US-} 6,381,846B2	05-07-2002	Insley et al.	- Santa Production
	2	^{US-} 6,457,515B1	.10-01-2002	Vafai et al.	
	3	^{US-} 5,294,831	03-15-1994	Azar et al.	
	4	^{US-} 6,437,437 B1	08-20-2002Zuo et al.		
	5	^{US-} 6,551,061 B2	04-22-2003	Darolia et al.	
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		FORE	GN PATENT DOCU	IMENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
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Examiner	Date	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

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